

Express Mail Cert. No.
EV 367 775 315 US
Serial No. 10/734,050

PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1792a

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of

4

Complete if Known

Application Number	10/734,050
Filing Date	12/11/2003
First Named Inventor	Gordon
Art Unit	1724
Examiner Name	Not yet assigned
Attorney Docket Number	37861-293035

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
KM		US - 3,456,802	07/22/1969	Cole	
		US - 3,632,505	01/04/1972	Nelson	
		US - 3,841,976	10/15/1974	Scott et al.	
		US - 4,134,732	01/16/1979	Jackson	
		US - 4,335,576	06/22/1982	Hopfe	
		US - 4,452,696	06/05/1984	Lopez	
		US - 5,229,005	07/20/1993	Fok, et al.	
		US - 5,840,159	11/24/1998	Rosenblad	
		US - 5,997,737	12/07/1999	Sturdevant, et al.	
		US - 6,076,364	06/20/2000	Stripp	
		US - 6,185,940	02/13/2001	Prueitt	
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		US - 6,375,842	04/23/2002	Graham	
		US - 2002/0060192	05/23/2002	Max	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
KM		CA 1050899	3/20/1979	Izard et al.		
		GB 1 233 005	6/14/1967	Kentfield		
		DE 19640460	4/9/1998	Altmann		
		EP 1 199 098 A1	4/24/2002	Bowler		✓
		WO 02/068338A2	9/06/2002	Lieberman et al.		

Examiner
Signature

KM

Date
Considered

3/3/06

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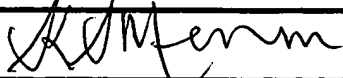
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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete If Known	
		Application Number	10/734,050
		Filing Date	12/11/2003
		First Named Inventor	Gordon
		Art Unit	1724
		Examiner Name	Not yet assigned
Sheet 2 of 4	Attorney Docket Number	37861-293035	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
KM		PACENTI, P., et al., "Deployment of a submarine reverse osmosis desalination prototype plant (RODSS): field tests and preliminary technical evaluations," CAS Section -161; CAS Subsection - 004, Vol. 138, No. 1-3, pp. 181, 2001 Elsevier Science B. V., (Abstract Only)	
		LAMPE, Harald, et al., "PCS - Preussag Conversion System. RTM. Mobile floating seawater desalination plant," CAS Section - 161; CAS Subsection - 004; Vol. 114, pp. 145-151, 1997 Elsevier Science B. V.	
		YANG, YANZHOU, "RO Plants in Marine Desalination for ships and Submarines," SHUICHULI JISHU, 1994, Vol. 20, Iss. 2, pp. 105-109, CAS Section-161; CAS Subsection -004.	✓
		GALLOWAY, M. et al. "UF for seawater RO pretreatment"; 2003, pp. 1-12, American Water Works Association Membrane Technology Conference.	
		REALI, M., et al., "Submarine and underground reserve osmosis schemes for energy-efficient seawater desalination," Desalination, 1997, pp. 269-275, Vol. 109, No. 3, ENEL SpA (DSR-CRIS), Milano, Spain.	
		PIZZINO, Joseph F., "Operation of a 2000 Gallon per day Reverse Osmosis Desalination System Aboard MONOB (YAG-610)", 1979, 28 pages, Citations from <i>Energy Science and Technology (DOE): EDB</i> .	

Examiner Signature		Date Considered	3/3/06
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		Filing Date	12/11/2003		
		First Named Inventor	Gordon		
		Art Unit	1724		
		Examiner Name	Not yet assigned		
Sheet	3	of	4	Attorney Docket Number	37861-293035

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Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
KM		HUMPHRIES, J. R. et al., "A floating desalination/co-generation system using the KLT-40 reactor and Canadian RO desalination technology"; 2000, pp. 41-52.	
		PANOV, Yu, "Equipment and materials for coupling interfaces of a nuclear reactor with desalination and heating plants based on floating NHPS;" Nuclear heat applications: Design aspects and operating experience, IAEA-TECDOC-1056, Vienna (1995-1998), pp. 249-262.	
		MITENKOV, F. M., et al., "Floating nuclear power – Desalination complex using a nuclear power plant of the KLT-40 type and the reverse osmosis process," 1997, pp. 255-268, IAEA, Vienna, Austria.	
		PANOV, Yu., et al., "Use of reaction plants of enhanced safety for sea water desalination, industrial and district heating"; Conference Advisory group meeting on non-electric application of nuclear energy, Jakarta, Indonesia, 1997, pp. 281-293 Citations from <i>Engineering Index</i> ; <i>EIX</i> .	
		PACENTI, Paolo, et al., "Submarine seawater reverse osmosis desalination system"; Conference Proceedings of the 1999 European Conference on Desalination and the Environment, Las Palmas, Spain, 1999, p. 213-218.	
✓		PETERS, Thomas A., "Desalination of seawater and brackish water with reserve osmosis and the disc tube module DT"; Conference Proceedings of the 1999 WSTA Fourth Gulf Water Conference, Manama, Bahrain, October 10, 1999, p. 149-155.	

Examiner Signature		Date Considered	3/3/06
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		Filing Date	12/11/2003
		First Named Inventor	Gordon
		Art Unit	1724
		Examiner Name	Not yet assigned
		Attorney Docket Number	37861-293035

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Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
KM		CUMBO, D., et al., "Energy-efficient submarine desalination plant," Conference Proceedings of the 1998 International Workshop on Desalination Technologies or Small and Medium Size Plants with Limited Environmental Impact" Rome, Italy, 1999, pp. 171-176.	
		VEGA, LUIS A., "Economics of ocean thermal energy conversion (OTEC)," IEEE Journal of Solid-State Circuits, 1992, pp. 152-181, Pacific Intl. Cntr. for High Technology Research, Honolulu, HI.	
		PIZZINO, Joseph F., et al., "Reverse osmosis for surface ship desalination. An overview, Naval Engineers Journal, May, 1991, pp. 126-135, David Taylor Research Center, Annapolis, MD.	
		VIGO, F., et al., "Suitability of reverse osmosis membranes for energy recovery by submarine osmotic power plants," Desalination, 1986, pp. 45-57, Vol. 60, No. 1, Inst. Ind. Chem. Univ. Genoa, Italy	
		ROSE, C. D., "Current Design and application of marine evaporators," Marine Tech., Oct. 1983, Vol. 20, No. 4, pp. 348-355.	
		"Desalination Ship" Pamphlet prepared by Advanced Environmental Water Technologies, Inc.	
		PCT Search Report - mailed 07/09/2004	

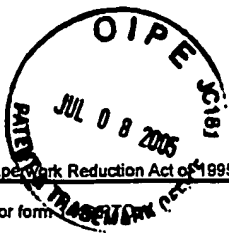
Examiner Signature		Date Considered	3/3/06
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Substitute for form

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/734,050
Filing Date	December 11, 2003
First Named Inventor	GORDON
Art Unit	1723
Examiner Name	MENON, Krishnan S.
Attorney Docket Number	8021-28

Sheet 1

of 1

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 2002/125190	09/12/2002	Bosley, Kenneth	
		US- 3,171,808 A	03/02/1965	Todd, Harry W.	
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		EP 0 959 048 A	11/24/1999	Nakamura, Makot		

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